

MEMORANDUM

TO: Vermont Adult Performance Indicator Project Advisory Group

FROM: John Pandiani
Lisa Gauvin

DATE: September 3, 1997

RE: CRT Practice Patterns

This week's performance indicator begins a series that will focus on variation in outpatient behavioral health care practice patterns among Vermont's community mental health programs.

We look forward to your comments on the quality of the data, the appropriateness of the analysis, and the effectiveness of the presentation of these data, as well as your interpretation of the results.

CRT Practice Patterns

Question: Do practice patterns vary among CRT programs in Vermont? More specifically, do clients of different CRT programs receive similar or different service packages?

Data: QSR data files, mailed to DDMHS by community service providers include a comprehensive accounting of services provided to clients. The information reported here describes services provided to people served by CRT programs during FY1996.

Analysis: Two single measures of patterns of service delivery have been calculated for 5 service categories (case management, chemotherapy, individual and group therapy, day treatment and vocational).

First, the number of people receiving each type of service is expressed as a percentage of all people served by each CRT program during this year. Second, average number of units of service provided to clients who received this type of service at each CRT program is reported. Units of service, in the analyses are equal to one hour (except for chemotherapy where a visit of any duration is considered as a unit).

Results: Statewide case management is provided by CRT programs to more clients than any other type of service. Almost 80% of the people served by CRT programs received case management at least once during the year. Chemotherapy ranks second (69%) followed by individual or group therapy (57%), day treatment (24%), and vocational services (17%).

The proportion of people served by CRT programs who received individual or group therapy services was the most variable. The proportion of people served who received these services varied from 75% at Addison to 23% in Chittenden. The proportion of clients for whom chemotherapy services were reported varied from more than 80% at Rutland to less than 50% at Northeast Kingdom. There is also substantial variation in the proportion of clients who received day or vocational services.

In terms of services per client, the greatest variation was in case management where the average unit of case management services per case management client during FY1996 varied from 166 at Lamoille and 22 at Northeast Kingdom. Units of vocational services per client also varied substantially with Lamoille averaging 60 units per client while 6 community mental health centers average less than 20 units per client.

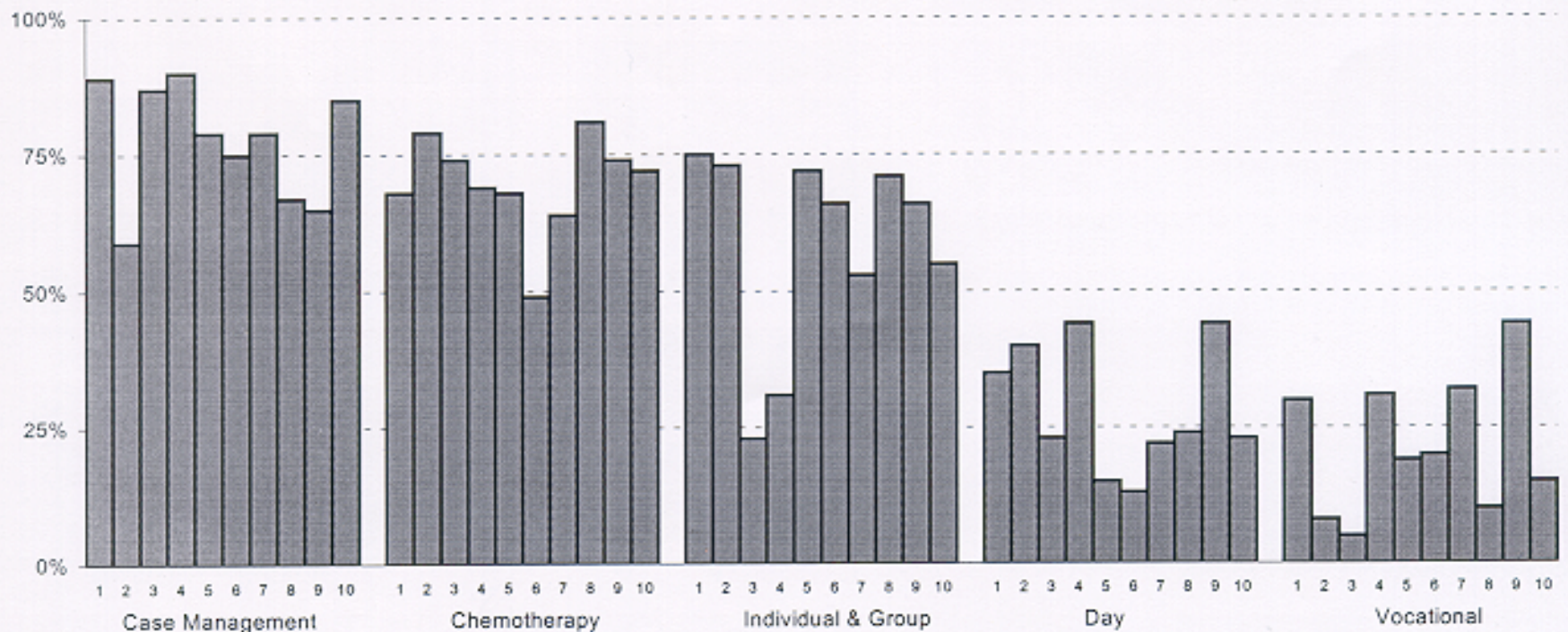
Next Questions: Do the combinations of services received by people served by CRT programs vary among Vermont's community mental health centers?

Does the total amount of service received by clients served by CRT programs vary substantially among community mental health centers in Vermont?

Will the value and type of service change as Vermont's system of care changes from a unit reimbursement to a case rate reimbursement system?

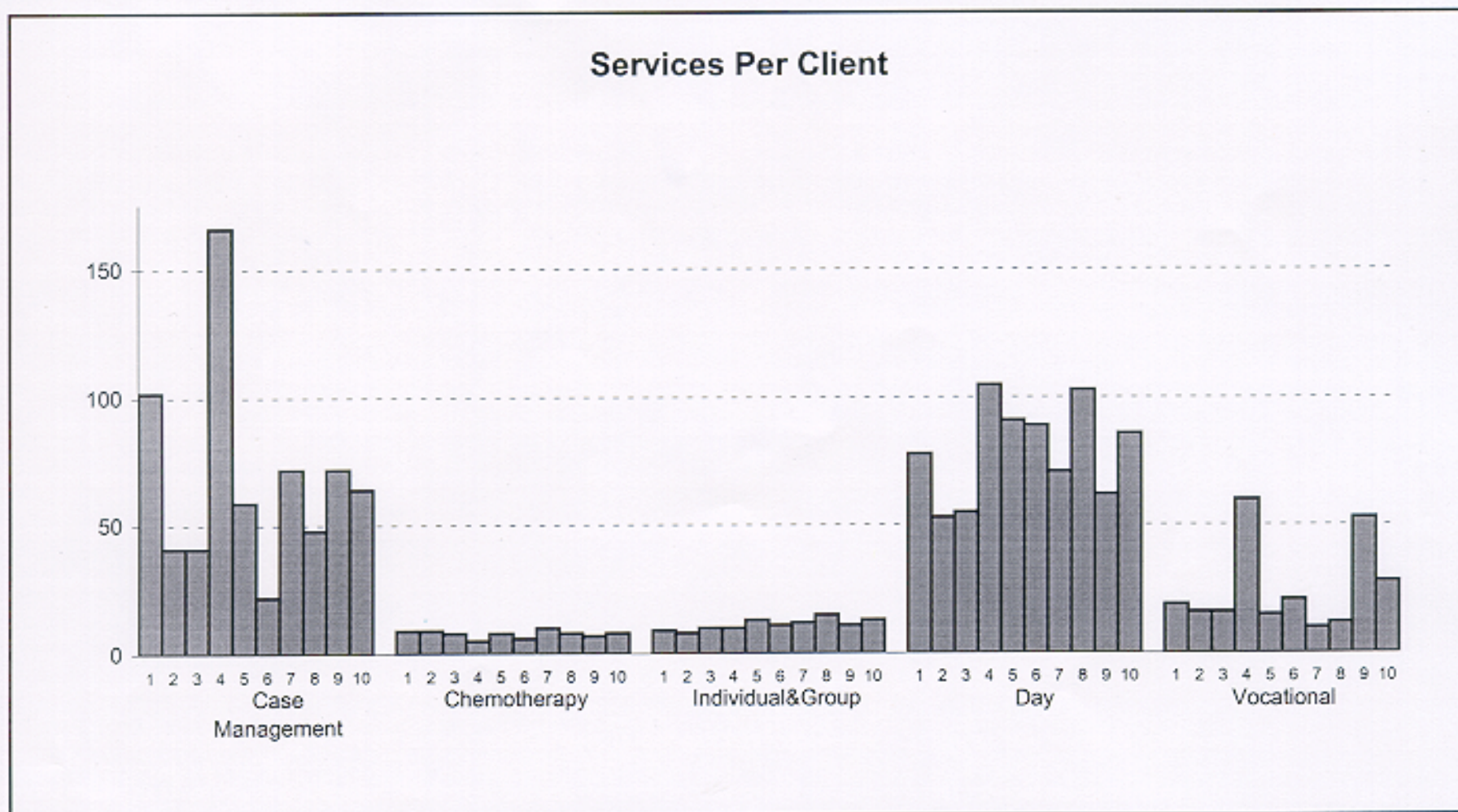
Community Rehabilitation and Treatment Programs, FY1996

Percent of Clients Receiving Services



	Total Clients Served	Percent of CRT Receiving Services				
		Case Management	Chemotherapy	Individual&Group	Day	Vocational
Total	3,967	79%	69%	57%	24%	17%
1 Addison	171	89%	68%	75%	35%	30%
2 FGI	285	59%	79%	73%	40%	8%
3 Chittenden	702	87%	74%	23%	23%	5%
4 Lamoille	144	90%	69%	31%	44%	31%
5 SE	548	79%	68%	72%	15%	19%
6 NEK	608	75%	49%	66%	13%	20%
7 Orange	160	79%	64%	53%	22%	32%
8 Rutland	377	67%	81%	71%	24%	10%
9 Bennington	229	65%	74%	66%	44%	44%
10 Washington	743	85%	72%	55%	23%	15%

Community Rehabilitation and Treatment, FY1996



Services Per Client

	Total Clients Served	Case Management	Chemotherapy	Individual&Group	Day	Vocational
Total	3,967	57	8	16	77	27
1 Addison	171	102	9	9	78	19
2 FGI	285	41	9	8	53	16
3 Chittenden	702	41	8	10	55	16
4 Lamoille	144	166	5	10	105	60
5 SE	548	59	8	13	91	15
6 NEK	608	22	6	11	89	21
7 Orange	160	72	10	12	71	10
8 Rutland	377	48	8	15	103	12
9 Bennington	229	72	7	11	62	53
10 Washington	743	64	8	13	86	28